BRANCH D

COURSE No. 10.

PHARMACOLOGY I

THEORY

I. Modern trends in Pharmacology. The natural law governing the use of drugs in man and animals. An intimate study of drug action ; absorption, distribution and fate of drugs in the body, mechanism of drug actions.

II. Specialised study of the Pharmacological action of the following categories of drugs.

1. Anaesthetics including aneasthesea.
2. Drugs acting on central nervous system.
3. Drugs acting on autonomic nervous system.
4. Drugs acting on animal behaviour.
5. Drugs acting on the peripheral nervous system & neuromuscular (skeletal) system.
6. Drugs acting on cardiovascula system including haemopoetics.
7. Drugs acting on the water and salt balance.
8. Drugs acting on gastro-intestinal system
9. Histamine & antihisamines serotenin
10. Hormones, prostaglandins
11. Drugs acting on reproductive system.
12. Diagnostic agents and plasma expanders
13. Chemotherapeutic agents.

Practicals

Experiments to illustrate the theoretical aspects given above.

Books

1. Lewis's Pharmacology (Revised by James Cross Law)
2. Drill's Pharmacology in Medicine Edited by Joseph R. Dipalma.
3. Pharmacology, Materia Medica and therapeuties (R. Ghosh).
4. Pharmacological Basis of Therapeutics—Goodman and Gillman.
5. Pharmacological reviews.
6. Journal of Pharmacy and Pharmacology
7. Journal of Medicinal Chemistry.

COURSE No. 11

PHARMACOLOGY II

THEORY

I. Principles of the methods for testing the Pharmacological actions of different kinds of drugs acting on Central and Autonomtic nervous system, smooth and skeletal muscles. Candievascular system rino-ugenital system. respiratory system, Enzymes and Psychic centres.

II. Methods for toxicity tests, acute subacute and chronic toxicity, Histochemical techniques (including the toxicitystudy of different organs like, liver, kidney, lungs, spleen) Methods for locating the site of drug action.

III. Experimental methods employed in Pharmacology with special reference to the development of successful drugs, principles of testing of drug in human beings. Designs of cunical trials, clinical techniques, enzymatic techniques in the evaluation of certain important type of drugs.

IV. Maintainance, care and breeding of the Laboratory animals. Preparation of the animals for drug screening.

V. Biometrics, comprising of Bioassay and Drug standardisation of important drugs with special reference to the drugs mentioned in I.P. B.P. and U.S.P.

Practicals

Experiments to illustrate the theorytical aspect given above.

Books

1. Biological standardisation by J. H. Burn
2. Experimental Pharmacology Kimpton
3. Methods on medicinal Research (Yearly publication Chickago).
4. Fundamental experiences in Pharmacology—Sollman and Harizlin.
5. British Pharmacopoeia
6. Indian Pharmacopoeia
7. Care and Breeding of the Lab. animals. . by Feris I
8. Experiments Pharmacology- perry Vol I and r I
9. United States Pharmacopoeia

OFFICE OF THE DIRECTOR OF ARCHAEOLOGY AND MUSEUMS, BANGALORE.

Subject :—Registration Antiquities-Antiquities and Art Treasures Act, 1972 and Rules 1973.

Consequent to the enforcement of the provisions of the Antiquities and Art Treasures Act, 1972 (and Rules 1973), every person who owns, controls or is in possession of any antiquity shall have to register such an antiquity before the respective Registrering Officer, under Section (3) (14) of the Act, before 2nd October 1976. The said Act has come into force from 5th April 1976.

Any person who desires to carry on business of selling them, he or she is required to obtain a licence from the Licencing Officer, under section 7(1) of the Act, before expiry of the period of six months from 5th April 1976, positively.

The antiquity includes the following three items, which have been in existence for not less than 100 years.

(i) Sculptures in stone, terracotta, metals, ivory and bone:
(ii) Paintings (including miniatures and tankas) in all media; and
(iii) Manuscripts containing paintings, illustrations or illuminations (adornment with coloured lettering or illustrations)

Application for licence has to be made in Form I and shall be accompanied with a Challan of Rs. 100/- in token of having paid the fee for the licence applied for. The amount has to be remitted to the head "078 Art and Culture, Archaeological Survey, Other Receipts."

The persons who are in possession of antiquity and art treasure are requested to contact the respective Officers whose jurisdiction is given below —

Limits of areas in Karnataka	Registering Officer and his address	Licencing Officer and his address
1	2	3
1 Districts of Hassan, Coorg, Mysore, Bangalore, Mandya and Kolar.	Sri S. M. Rahman, Directorate of Archaeology and Museums in Karnataka, Mysore-570004.	Sri S. R. Rao, Superintending Archaeologist, Archaeological Survey of India, Mid-Southern Circle, No. 1382, 32nd Cross, 4th 'T' Block, Jayanagar, Bangalore-560011.
2 Districts of Bellary, Shimoga, South Kanara, Chikmagalur, Chitradurga and Tumkur.	Sri. D V. Devaraj, Registering Officer Directorate of Archaeology and Museums in Karnataka, Rajendranagar, Shimoga-577201	do
3 Districts of Bijapur, Dharwar, North Kanara and Belgaum.	Shri M. L. Shivashankara, Registering Officer, c/o Office of the Research Assistant, Directorate of Archaeology and Museums, Station Road, Dharwar-580001.	do
4 Districts of Bidar, Gulbarga, and Raichur.	do	Sri. I. K. Sharma, Deputy Superintending Archaeologist, Archaeological Survey of India, University Road, Hyderabad, Andra Pradesh.

467 M. S. NAGARAJA RAO, *Director of Archaeology and Musums.*

OFFICE OF THE TAHSILDAR FOR LAND REFORMS, SIRA TALUK TUMKUR DISTRICT, TUMKUR

Notification dated 20th January 1976.

(Under Section 73 of the Karnataka Land Reforms Act, 1961)

No. LRM/459/74-75. Whereas an order under Section 67 (4) of the Karnataka Land Reforms Act, 1961 has already been passed under this Office Order No LRM 459/74-75 dated 20th January 1976, specifying the lands shown in the Schedule mentioned below which shall be surrendered by the concerned declarant Shri Chikkanna of Karehalli Village Sira Taluka Sira And which are deemed to have been surrendered to Government by the said persons.

Now, therefore, in exercise of the powers conferred by Section 73 of the said Act, I, Sri T M. Vasudeva Rao Tahsildar for Land Reforms, Sira taluk hereby notify the amount payable for the said lands as detailed against each survey number in the schedule.